# Project Manager Combined Arms Tactical Trainers (PM CATT)







#### **COL Harold Buhl Jr.**

PEO STRI Project Manager Combined Arms Tactical Trainers 12 June 2014





# **Agenda**



- PM CATT Organization
- PM CATT Vision and Mission
- TSIS 2014 Update
- TSIS 2015 Opportunities
- Potential Interest Areas



# **PM CATT Organization Chart**







## **Vision and Mission**



# Vision

**Tough Realistic Training** 

## Mission

Team CATT Provides and Supports Responsive Immersive Training Simulation, Gaming, and Mission Rehearsal Capability to Meet Army, and Combatant Commander Needs.



# 2014 Updates



<u>Program</u>	<u>Office</u>	<u>Status</u>
----------------	---------------	---------------

SOF RAPTOR III STS Awarded FY14 (Feb)

SOF TEAMS II STS Awarded FY14 (May)

EST II STS Pending Award 3Q FY14

AFMMAST MedSim Pending Award 3Q FY14

TMTL MedSim Pending Award 4Q FY14

Stryker MTS GCTT Pending Award 4Q FY14

NCM3 Production ACTT Awarded FY14 (Mar)

RC-12X VTS ACTT Awarded FY14 (Mar)

UH-72 SFTS ACTT Pending Award 4Q FY14

AVCATT HVAC Upgrade ACTT Pending Award 4Q FY14



# **2015 Opportunities**



<u>Program</u>	<u>Office</u>	Potential \$ Value
ACTT PDSS	ACTT	TBD
UH-72 VMT	ACTT	\$3.5 M
WTCS	ACTT	\$24.0 M
CCTT PDSS	GCTT	\$45.0 M estimate
DSTS Recompete	GCTT	\$49.3 M estimate
VHA SimLEARN	MEDSIM	\$15.2 M
CATT EMD Integration and Update	CATT	\$37.2 M estimate
VBCT PDRR	CATT	\$14.7 M estimate



# **ACTT Post Deployment Software Support**



### **Description/Summary of Program Requirements**

PEO STRI has a requirement to provide PDSS for the fielded Air and Command Tactical Trainer (ACTT) systems. This effort will consist of PDSS primarily for the Aviation Combined Arms Tactical Trainer (AVCATT) and Non-Rated Crew Member Manned Module (NCM3) with options for future efforts to include PDSS for the Shadow Crew Trainer PDSS, UH-72A Synthetic Flight Training System (SFTS), and UH-72A Virtual Maintenance Trainer (VMT) programs.

## **ACQUISITION STRATEGY**

- Competitive services contract with strict OCI clause
- IDIQ Outside of STOC
- Small Business Determination not vet made

#### PFRIOD OF PFRFORMANCE

- June 2015 March 2016 (base task) order)
- Four option years

#### **MILESTONES**

4QFY14 1QFY15



Draft RFP **RFP** Release Release

Contract

**3QFY15** 

Award

#### POINT OF CONTACT

Organization: PM CATT

Phone: 407-384-3601

Email: CATT@peostri.army.mil

#### **FUNDING**

- RDTE
- OPA
- NGREA
- APA

#### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

L3 Communications



# **UH-72A Virtual Maintenance Trainer (VMT)**



- Procurement of Virtual Maintenance Trainer (VMT)
- Initial institutional training of UH-72A maintenance personnel: Fourteen workstations
- Remote unit sustainment & update training via internet reach-back
- Exportable to Army sharable content object reference model (SCORM) compliant learning management system (LMS)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE		MILESTONES	3
Use of existing STOC II, Lot II Vehicle	Delivery of VMT institutional capability within fifteen months of contract award	3QFY14	4QFY14	1QFY15
	Delivery of reach-back capability within twenty months of contract award	Sources Sought Release	RFP Release	Contract Award
POINT OF CONTACT	FUNDING	CURRENT	CONTRACT/ ER/OEM (IF R	ORIGINAL ECOMPETE)
Organization: PM CATT  Phone: 407-384-3601  Email: CATT@peostri.army.mil	NGREA	Market rese	arch	



## Wideband Training and Certification System (WTCS)



- The WTCS will provide an interactive training system for military and civilian operators on the Wideband SATCOM Operational Management System (WSOMS) and its associated subsystems.
- Support the Army's Military Occupational Specialty (MOS) 25S, the Satellite Systems Network Coordinator Course Additional Skill Identifier (ASI) 1C training course.
- The training system or applications will be virtualized for installation at the Wideband SATCOM Communications Operations Centers to be used for sustainment training and operator certification.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE		MILESTONES	;
In development	FY15 through FY17	3QFY14	TBD	TBD
			<u> </u>	/\ /_`\
		Sources Sought Released	RFP Release	Contract Award
POINT OF CONTACT	FUNDING	CURRENT	CONTRACT/ ER/OEM (IF R	ORIGINAL ECOMPETE)
Organization: PM CATT  Phone: 407-384-3601  Email: CATT@peostri.army.mil	OPA: \$24.0 M	New Require		,



# **CCTT Post Deployment Software Support**



- Post Deployment Software Support (PDSS) of the Close Combat Tactical Trainer (CCTT) program. The CCTT program consists of the CCTT system, the Reconfigurable Vehicle Tactical Trainer (RVTT), and Dismounted Soldier Training System (DSTS)
- This effort will consist of system and software engineering, life cycle software support, testing, quality assurance, configuration management, replication, distribution, installation, training, publications support, integration of gaming technology, visual systems, and other associated programs with CCTT

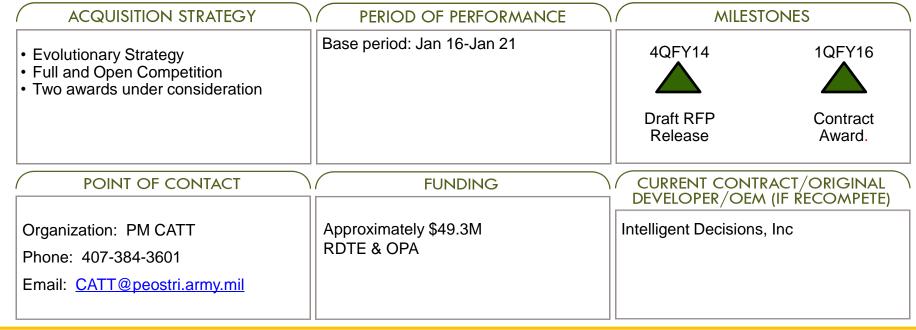




# Dismounted Soldier Training System (DSTS) Block II



- •DSTS provides a fully immersive, virtual environment for individual squad members to train individual tasks, collective tasks, and battle drills in the contemporary operational environment on computer-generated terrain. It allows Soldiers to freely move around in the virtual environment. The DSTS gives Soldiers the capability to employ weapons with and without optics, laser systems, and night vision equipment as two fire teams within an Infantry squad.
- •This effort will develop virtual interoperability capabilities, research technology advances to increase DSTS performance, and investigate complementrary virtual training capabilities. Options for production.





## **Veteran's Health Administration (VHA)**



### **Description/Summary of Program Requirements**

- The Under-Secretary for Health, VHA established the Simulation, Learning, Education, and Research Network (SimLEARN) Program in July 2009 to standardize clinical simulation training, education, and research. The SimLEARN Programs execute critical life saving training courseware to all Intensive Care Units (ICUs); Critical Care Units (CCUs); and Provider Patient Medical Information Systems.
- Commercial contracts will be awarded for Clinical Training Programs and Training System Sustainment that supports Army operational and clinical research, development, and acquisition requirements.

#### **ACQUISITION STRATEGY**

- Contract Mods and New Contract Actions
- Both Full and Open and Sole Source
- Small Business Set Asides where possible
- Multiple contract vehicles

#### PERIOD OF PERFORMANCE

- 3-year POP for BPAs
- Base year plus options for commercial contracts

#### MILESTONES

3&4QFY14



Solicitations Released



Contracts Awarded

#### POINT OF CONTACT

Organization: PM CATT

Phone: 407-384-3601

Email: <u>CATT@peostri.army.mil</u>

#### **FUNDING**

VHA Funding

• FY15 \$15.2M

## CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

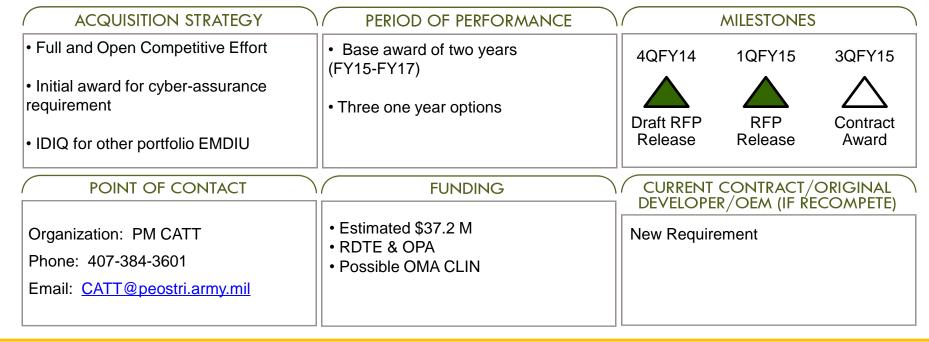
- Includes Calls and options on current contracts
- Includes new BPAs and contracts
- Includes OEM and Distributors



# **CATT EMD, Integration, and Upgrade**



- Virtual and Gaming Enterprise solutions in engineering, manufacturing, development, integration and upgrade capability areas, are a critical need to ensure cyber-assurance, innovative and responsive acquisition, and Army efficiencies across the CATT portfolio.
- This effort will deliver portfolio solutions and capability options within a systems engineering construct applied across post deployment programs and their interoperability.

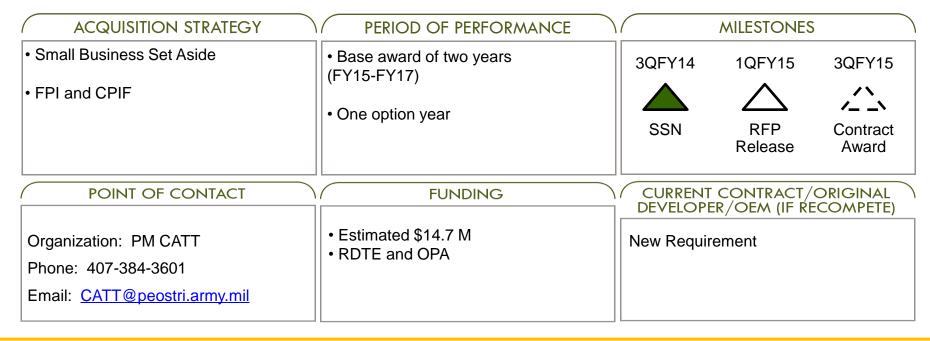




# Virtual BCT Collective Trainer (VBCT) Program Definition and Risk Reduction (PDRR)



- VBCT is the future immersive collective trainer for all BCT formations—Armor, Stryker, Infantry. The capability will focus on Battalion level fully immersive capabilities that can be scaled up to BCT, or down to Company, and provide all BCT enablers to train or conduct mission rehearsal on geospecific terrain.
- This effort is part of an emerging Army bridging strategy to find innovative and more cost effective solutions to virtual and game training for readiness of units. Key objectives will be to inform requirements, demonstrate technologies, and reduce risk as other acquisition baselines are synchronized in processes.





# TSIS 2014 – Mid-Term Potential Interest Areas



Potential Capability	Potential Application
----------------------	-----------------------

Augmented Reality Squad Virtual Training

Man-Machine I/F for Tele-Operation Force Protection

Distributed Operations & Maintenance Training Efficiencies

Gaming Engines Affordability

**Haptics** Realism

Infinite Movement in Confined Space Usability

Intuitive Systems Trainability

Cognitive Stressors Human Dimension

Embedded Training Unit Flexibility

**No Guarantee of Funded or Pursued Capabilities**